

Two Junior Group Leader positions at the Centre for Genomic Regulation (CRG)



The Centre for Genomic Regulation (CRG, www.crg.eu), a leading Institute in life science and biomedical research, is recruiting two junior group leaders, one in the Systems Biology Program and another in the Gene Regulation, Stem Cells and Cancer Program. The CRG includes 2 additional research programs (Cell & Developmental Biology; and Bioinformatics & Genomics) and has a partnership with the **EMBL** through the Systems Biology Program. Scientists at the CRG have access to state-of-the-art core facilities including genomics and next generation sequencing instruments, bioinformatics, proteomics, advanced optical microscopy, FACS, robotics, and a modern animal house.

Candidates for these positions should have an outstanding pre and postdoctoral record, an ambitious project for their future group and a keen interest to interact scientifically with their future colleagues at the CRG. We offer a competitive salary with a 5-year contract extendable to a total of 9 years depending on external evaluation. The offer includes equipped lab space for up to 6-8 people, special equipment if needed, and core funding that covers salaries and consumables for three additional positions for the entire duration at the CRG. Candidates should send a CV with list of publications, a brief research proposal and the addresses of at least 3 references to: rrhh@crg.eu **indicating the reference in the subject line (ref. GL-BS-GRSCC-1013)**. The CRG aims to increase the number of female group leaders and strongly encourages women to apply.

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Junior Group Leader at the CRG-EMBL Systems Biology Partnership Unit

The Systems Biology program covers a variety of biological processes, but with a common underlying approach of combining experimentation and computer modelling within the same lab. Topics include: development (James Sharpe, Johannes Jaeger), model systems and signalling pathways (Luis Serrano), genetics and robustness (Ben Lehner), and neuroscience (Matthieu Louis, Mara Dierssen). We have a particular strength in multicellular systems (in mouse, *Drosophila* and *C. elegans*), and wish to recruit a new junior group leader ideally with a focus on **systems biology approaches to multicellular biology of tissues and organs**. This could include new model systems (*in vitro* tissue/organ culture, tissue engineering, regeneration, immunology, etc.), or other interesting systems, and would preferably include both experimental and computational approaches.

Junior Group Leader at the Gene Regulation, Stem Cells and Cancer Program

Research in the Gene Regulation, Stem Cells and Cancer Program spans from mechanistic studies of gene regulation and epigenetics to the molecular basis of cellular decisions involved in tissue homeostasis and cancer. Topics include: chromatin structure, epigenetics and transcription (Miguel Beato, Luciano Di Croce, Guillaume Filion, Marc Martí-Renom), post-transcriptional gene regulation (Fátima Gebauer, Juan Valcárcel), cell signalling (Susana de la Luna), cell reprogramming, transdifferentiation and tissue regeneration (Maria Pia Cosma, Thomas Graf), senescence, cancer and aging (Bill Keyes). We seek to recruit a new junior group leader to develop **innovative approaches to study any aspect of gene regulation and/or cell differentiation/reprogramming, including (but not restricted to) the molecular and cellular basis of human pathologies**.

Applications Deadline: 10th December 2013